

ABSTRACT

According to the present invention, a method for manufacturing a liquid discharge head includes the steps of depositing a solid layer for forming a flow path on a substrate on which an energy generating element is arranged to generate energy that is used to discharge liquid, forming, on the substrate where the solid layer is mounted, a coating layer for coating the solid layer, forming a discharge port used to discharge a liquid, through a photolithographic process, in the coating layer formed on the solid layer, and removing the solid layer to form a flow path that communicates with the energy element and the discharge port, whereby a material used for the coating layer contains a cationically polymerizable chemical compound, cationic photopolymerization initiator and a inhibitor of cationic photopolymerization, and whereby a material of the solid layer that forms a boundary with a portion where the discharge port of the coating layer is formed contains a copolymer of methacrylic anhydride and methacrylate ester.

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